

AGENDA

DEPARTMENT OF TRANSPORTATION

TRANSPORTATION and NATURAL RESOURCES COMMITTEE STATE ADMINISTRATIVE BOARD

T&NR Meeting: August 9, 2000 - Secretary of State's Office, 3:30 PM
State Administrative Board Meeting: August 15, 2000 - State Capital, 11:00 AM

MDOT PURCHASING/BLANKET PURCHASE ORDER

1. 591b8001172 (CS-138-192S0002171)

Catch Basin Cleaning, for the MDOT A Bay Region, Advice of Change to add 881 Basins/Cycles, one Cycle per year. The new Cycle size is 1610 Basins/Cycle. The original Catch Basin inventory was understated, we have added Basins through new construction and completed privatizing Catch Basin Cleaning in Arenac, Bay, Clare, Gladwin, Isabella, and Midland Counties. For the period August 8, 2000 through October 31, 2001. 100% State restricted funds.

Note: The original contract was approved by the State Administrative Board on August 4, 1998.

Pegasus Underground, Inc.	Net Increase	\$77,196.62
Howell, Mi.		

AUTHORIZATION TO SUBCONTRACT

2. Elmer's Crane and Dozer	Asphalt Paving	\$57,985.30
P.O. Box 6150		
Traverse City, MI		

Approval is requested authorizing the Grand Traverse County Road Commission to award a subcontract for asphalt paving. The project is located on M-72, from M-22 going west approximately 3,100 feet. The project was advertised, and two (2) bids were received. The low bid was selected. 100% State Restricted Funds.

3. Elmer's Crane and Dozer	Asphalt Wedging	\$66,300.00
P.O. Box 6150		

Traverse City, MI

Approval is requested authorizing the Leelanau County Road Commission to award a subcontract for asphalt wedging. The project is located on M-22, from the Benzie County line to the Village of Leland. The project was advertised, and two (2) bids were received. The low bid was selected. 100% State Restricted Funds.

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| 4. | Fahrner Asphalt Sealers, Inc.
2800 Mecca Dr.
Plover, WI | Double Chip Seal | \$75,180.00 |
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Approval is requested authorizing the Missaukee County Road Commission to award a subcontract for double chip sealing. The project is located on M-66, from Jennings Road, south to M-55. The project was advertised and three (3) bids were received. The low bid was selected. 100% State Restricted Funds.

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| 5. | Thompson-McCully
100 Market St., SW
Grand Rapids, MI | Cold Milling and
Bituminous Resurfacing | \$106,282.00 |
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Approval is requested authorizing the Ottawa County Road Commission to award a subcontract for cold milling and bituminous resurfacing. The project is located on Old M-21 (Chicago Drive), from west of 80th Avenue to 64th Avenue. The project was advertised, and two (2) bids were received. The low bid was selected. 100% State Restricted Funds.

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| 6. | Lakeside Construction
13840 - 172nd Ave.
Grand Haven, MI | Replacement of
Drainage Structures | \$49,700.00 |
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Approval is requested authorizing the Ottawa County Road Commission to award a subcontract for replacement of drainage structures. The project is located at various locations on US-31 (Beacon Boulevard) in the City of Grand Haven and Spring Lake Township. The project was advertised, and three (3) bids were received. The low bid was selected. 100% State Restricted Funds.

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| 7. | Snowden, Inc.
P.O. Box 439
Escanaba, MI | Guardrail and Slope
Restoration | \$35,715.00 |
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Approval is requested authorizing the Chippewa County Road Commission to award a subcontract for guardrail and slope restoration. The project is located on M-123 in the Village of Paradise. The project was advertised, and bids were solicited from four (4) vendors. One bid was received and selected. 100% State Restricted Funds.

8. **Grand Rapids Asphalt Paving** **Bituminous Resurfacing** **\$250,000.00**
100 Market Ave., SW
Grand Rapids, MI

Approval is requested authorizing the Ionia County Road Commission to award a subcontract for bituminous resurfacing. The project is located on M-44, from Flannigan Road going west approximately 2 miles. The project was advertised with a larger County project, this subcontract represents MDOT's share of the work. Two (2) bids were received, and the low bid was selected. 100% State Restricted Funds.

9. **Rieth Riley Construction Co.** **Bituminous Overlay** **\$181,760.00**
20251 E. 19 Mile Rd.
Big Rapids, MI

Approval is requested authorizing the Mecosta County Road Commission to award a subcontract for a bituminous overlay. The project is located at various locations on Old US-131 (Northland Drive.) The project was advertised, and two (2) bids were received. The low bid was selected. 100% State Restricted Funds.

10. **Florence Cement Company** **Concrete Pavement** **\$140,000.00**
1970 Brinston **Repair**
Troy, MI

Approval is requested authorizing the Macomb County Road Commission to award a subcontract for concrete pavement repair. The project is located on M-29, from Donner Road approximately 2 mile east and on M-53 approximately 1/4 mile north of 32 Mile Rd. The project was advertised, and four (4) bids were received. The low bid was selected. 100% State Restricted Funds.

11. **Luigi Ferdinandi & Son Cement** **Concrete Patching** **\$33,819.10**
21521 Violet
St. Clair Shores, MI

Approval is requested authorizing the City of Mount Clemens to award a subcontract for concrete patching. The project is located at various locations on M-3. The project was advertised, and two (2) bids were received. The low bid was selected. 100% State Restricted Funds.

12. **Causie Contracting, Inc.** **Concrete Pavement** **\$249,900.00**
201 Plains Rd. **Repair**
Mason, MI

Approval is requested authorizing the Ingham County Road Commission to award a

subcontract for concrete pavement repair. The project is located on US 127 service drives (Homer and Howard Streets) from Kalamazoo Street north to Grand River Avenue. The project was advertised. One (1) bid was received and selected. 100% State Restricted Funds.

13. **Capital Excavating and Paving** **Bituminous Paving** **\$481,356.00**
 2325 Kipp Rd.
 Mason, MI

Approval is requested authorizing the Clinton County Road Commission to award a subcontract for bituminous paving and pavement marking. The project is located on US-27BR from approximately Railroad Street to Kinley Road, on Sturgis Street to Baldwin Street, and on M-21 from Scott Road to west of US-27. The project was advertised, and two (2) bids were received. The low bid was selected. 100% State Restricted Funds.

14. **Fisher Transportation Co., Inc.** **Sweeping and Catch Basin** **\$24,632.50**
 900 S. Bradley **Cleaning/Disposal**
 Mt. Pleasant, MI

Approval is requested authorizing the City of Mt. Pleasant to award a subcontract for sweeping and catch basin cleaning and disposal of debris collected. The project is located on BR-27 and M-20. The project was advertised with a larger City project, this subcontract represents MDOT's share of the work. Four (4) bids were received, and the low bid was selected. 100% State Restricted Funds.

15. **Saginaw Asphalt Paving Co.** **Skip Patching** **\$37,653.00**
 3200 Carrollton Rd.
 Carrollton, MI

Approval is requested authorizing the Sanilac County Road Commission to award a subcontract for skip patching. The project is located at various locations of M-53 and M-46. The project was advertised with a larger County project; this subcontract represents MDOT's share of the work. Four (4) bids were received, and the low bid was selected. 100% State Restricted Funds.

CONTRACTS

16. MUNICIPAL - Cost Participation for Local Agency Construction Contract
Contract (2000-5291) between MDOT, the St. Clair County Road Commission, and the City of St. Clair providing for participation by the Federal Highway Administration (FHWA) in the construction under contract by the County of the following Transportation Enhancement improvements: bikepath, pedestrian bridge, and bridge rehabilitation work along Fred Moore Highway from Carney Drive to King Road, along King Road from Fred Moore Highway to Recor Road, and along Recor Road from King Road to the China Township Limits.

Estimated Funds:

Federal	\$691,700
St. Clair CRC	<u>\$296,443</u>
Total	<u>\$988,143</u>

STE 77042 - 51007
Local Letting

17. MUNICIPAL - Cost Participation for Construction Contract
Contract (2000-5308) between MDOT and the Road Commission for the County of Oakland
providing for participation in the following improvements:

Integration, implementation, and evaluation of Phase I of the Southeastern Michigan Snow
& Ice Management (SEMSIM) System consisting of maintenance vehicles in the Detroit
Urban Area to allow integration with current Intelligent Transportation Systems (ITS) as
described in the following specific work orders in the SEMSIM Work Plan, hereinafter
referred to as A Work Order No.:

Work Order No. 1 - Project Planning and Administration
Work Order No. 2 - Systems Integration
Work Order No. 3 - Systems Implementation
Work Order No. 4 - Communications
Work Order No. 5 - Evaluation

Estimated Funds:

	<u>Previous Amt</u>	<u>Revised Amt</u>
Federal	\$1,150,000	\$1,310,000

Oakland County Road Commission	\$ <u>287,500</u>	\$ <u>327,500</u>
Total	<u>\$1,437,500</u>	<u>\$1,637,500</u>

ITS 63459 - 47787
Amendment

The purpose of this amendment is to provide for the increase in the estimated project cost.

18. MUNICIPAL - Cost Participation for Construction Contract
Contract (2000-5349) between MDOT and the Oakland County Road Commission providing for participation in the following improvements:

Integration, implementation, and evaluation of Phase II of this Southeastern Michigan Snow and Ice Management (SEMSIM) System consisting of instrumentation of maintenance vehicles in the Detroit Urban Area to allow integration with current Intelligent Transportation Systems (ITS) as described in the following specific work orders in the SEMSIM Work Plan, hereinafter referred to as A Work Order No.≡:

WORK ORDER NO. 1 - Project Planning and Administration

WORK ORDER NO. 2 - Systems Implementation and Management

WORK ORDER NO. 3 - Evaluation

Estimated Funds:

	<u>Previous Amt</u>	<u>Revised Amt</u> Federal
		\$1,791,470
		\$1,631,520
Oakland County Road Commission	<u>\$ 447,930</u>	<u>\$ 407,880</u>
Total	<u>\$2,239,400</u>	<u>\$2,039,400</u>

CM 63459 - 50568

Amendment

The purpose of this amendment is to provide for the reduction in the estimated project cost and the elimination of a cap on Federal Intelligent Transportation System Funds.

19. MUNICIPAL - Cost Participation for Local Agency Construction Contract
Memorandum of Understanding (2000-5369) between MDOT and the Michigan Department of Natural Resources (MDNR) providing for participation by the Federal Highway Administration (FHWA) in the construction under contract by the MDNR of the following Transportation Enhancement improvements: bridge construction and approach work for the pedestrian structure P01 of 41-17-22, which carries the White Pine Trail over West River Drive, Section 21, T8N, R11W, Kent County, Michigan, from 156 m west of the West River Drive centerline to 119 m east of the West River Drive centerline, including storm sewers, drainage structures, and aggregate base work.

Estimated Funds:

Federal	\$400,000
MDNR	<u>\$100,000</u>
Total	<u>\$500,000</u>

STE 41401 - 50966; Kent County
Local Letting

20. MUNICIPAL - Cost Participation for Local Agency Construction Contract
Contract (2000-5374) between MDOT and the Chippewa County Road Commission providing for participation by the Federal Highway Administration (FHWA) in the construction under contract by the county of the following Transportation Enhancement improvements: historic restoration of the crew's quarters building, boathouse, surfboat, and fog signal building at the Whitefish Point Light Station.

Estimated Funds:

Federal	\$454,400
Chippewa CRC	<u>\$113,600</u>
Total	<u>\$568,000</u>

STE 17015 - 50924
Local Letting

21. MUNICIPAL - Cost Participation for Local Agency Construction Contract
Contract (2000-5380) between MDOT and the City of Allen Park providing for participation by the Federal Highway Administration (FHWA) in the construction under contract by the City of the following Transportation Enhancement improvements: landscaping and installation of City entrance signs work along Southfield Road (Highway M-39) at the East City Limits, the North City Limits, Allen Road, and West Outer Drive.

Estimated Funds:

Federal	\$71,148
City of Allen Park	<u>\$21,252</u>
Total	<u>\$92,400</u>

STE 82400 - 51032; Wayne County
Local Letting

22. *AERONAUTICS - Amendment Services and Amount
Amendatory contract (98-0899/A2) between MDOT and the Manistee County Board of Commissioners provides State grant funds for land acquisition of four parcels (25, 27, 28, and 29) for a new runway at Manistee County-Blacker Airport in Manistee, Michigan. The purpose of the amendment is to add legal fees as a result of condemnation of two of the four properties. The term of the contract remains unchanged and will expire April 4, 2001.

Source of Funds:

	Previous Total	Increase	Revised Total
State Share	\$360,000	\$87,300	\$447,300
Local Share	\$ 40,000	\$ 9,700	\$ 49,700
Total Funds	\$400,000	\$97,000	\$497,000

23. AERONAUTICS - Runway , Taxiway and Apron Rehabilitation
Contract (2000-0754) between MDOT and the Oscoda Wurtsmith Airport Authority to provide Federal and State Grant funds for rehabilitation of terminal apron, Taxiway D, and Runway 24 end, including consultant design and construction supervision, at the Oscoda Wurtsmith Airport in Oscoda, Michigan. This is a sub-grant issued pursuant to the condition of the Block Grant given to MDOT by the Federal Aviation Administration (FAA). The contract will be in effect for a period of 36 months from the date of award. Source of Funds: Federal Funds (via Block Grant): \$1,097,000; State Aeronautics Funds: \$350,000; Airport Authority Funds: \$93,000; Total Contract: \$1,540,000.

24. AERONAUTICS - Rehabilitation of Runway, Taxiway, and Apron
Contract (2000-0755) between MDOT and the City of East Jordan to provide State grant funds for the rehabilitation of Runway 9/27, Taxiway, and Apron, including clearing and

consultant supervision, at East Jordan City Airport in East Jordan, Michigan. The contract will be in effect for a period of 36 months from the date of award. Source of Funds: State Aeronautics Funds- \$198,000; City of East Jordan Funds - \$22,000; Contract total - \$220,000.

25. AERONAUTICS - Airport Pavement Marking

Contract (2000-0756) between MDOT and the Huron County Board of Commissioners to provide State grant funds for Airport Pavement Marking at Huron County Airport in Bad Axe, Michigan. The contract will be in effect for a period of 18 months from the date of award. Source of Funds: State Aeronautics Funds- \$5,000; Huron County Funds - \$5,000; Contract total - \$10,000.

26. AERONAUTICS - Airport Pavement Marking

Contract (2000-0757) between MDOT and the Southwest Michigan Regional Airport Authority to provide State grant funds for Airport Pavement Marking at Southwest Michigan Regional Airport in Benton Harbor, Michigan. The contract will be in effect for a period of 18 months from the date of award. Source of Funds: State Aeronautics Funds- \$7,500; Airport Authority Funds - \$7,500; Contract total - \$15,000.

27. AERONAUTICS - Airport Pavement Marking

Contract (2000-0758) between MDOT and the Bishop International Airport Authority to provide State grant funds for Airport Pavement Marking at Bishop International Airport in Flint, Michigan. The contract will be in effect for a period of 18 months from the date of award. Source of Funds: State Aeronautics Funds- \$2,500; Airport Authority Funds - \$2,500; Contract total - \$5,000.

28. AERONAUTICS - Airport Pavement Marking

Contract (2000-0759) between MDOT and the Harbor Petoskey Area Airport Authority to provide State grant funds for Airport Pavement Marking at Harbor Springs Municipal Airport in Harbor Springs, Michigan. The contract will be in effect for a period of 18 months from the date of award. Source of Funds: State Aeronautics Funds- \$3,900; Airport Authority Funds - \$3,900; Contract total - \$7,800.

29. AERONAUTICS - Airport Pavement Marking

Contract (2000-0760) between MDOT and the Gogebic County Board of Commissioners to provide State grant funds for Airport Pavement Marking at Gogebic-Iron County Airport in Ironwood, Michigan. The contract will be in effect for a period of 18 months from the date of award. Source of Funds: State Aeronautics Funds- \$8,000; Gogebic County Funds- \$8,000; Contract total - \$16,000

30. AERONAUTICS - Airport Pavement Marking

Contract (2000-0761) between MDOT and the Mason County Board of Commissioners to provide State grant funds for Airport Pavement Marking at Mason County Airport in Ludington, Michigan. The contract will be in effect for a period of 18 months from the date of award. Source of Funds: State Aeronautics Funds- \$3,500; Mason County Funds- \$3,500; Contract total - \$7,000.

31. AERONAUTICS - Airport Pavement Marking
Contract (2000-0762) between MDOT and the MBS International Airport Commission to provide State grant funds for Airport Pavement Marking at MBS International Airport in Saginaw, Michigan. The contract will be in effect for a period of 18 months from the date of award. Source of Funds: State Aeronautics Funds- \$5,000; Airport Commission Funds- \$5,000; Contract total - \$10,000.
32. AERONAUTICS - Capital Improvement & Equipment Project /Air Service Program
Contract (2000-0767) between MDOT, the Muskegon County Board of Commissioners, and Muskegon County Airport, providing for a grant to purchase a new or refurbished boom-type aircraft deicing unit to be used in common by all servicing airlines. The cost of the project is estimated at \$105,000: \$80,000 from State Aeronautics funds, \$25,000 from the County of Muskegon. The term of this contract is 36 months from award.
33. AERONAUTICS - Capital Improvement & Equipment Project / Air Service Program
Contract (2000-0768) between MDOT and MBS International Airport providing for a grant to purchase a retrofit M6800 runway friction tester. This equipment is used to measure the braking effect during winter weather conditions. The cost of the equipment is estimated at \$49,585.00: \$24,792.00 from State Aeronautics funds, and \$24,793.00 from the MBS International Airport Commission. The term of this contract is 12 months from award.
34. AERONAUTICS - Capital Improvement & Equipment Project / Air Service Program
Contract (2000-0769) between MDOT and the County of Kalamazoo (Kalamazoo / Battle Creek International Airport) providing for a grant to purchase four 2-way aeronautical radios for maintenance vehicles used on the airport. The cost of the purchase is estimated at \$4,000.00: \$2,000 funds, State Aeronautical funds and \$2,000 from the County of Kalamazoo. The term of this contract is 12 months from award
35. AERONAUTICS - Capital Improvement & Equipment Project / Air Service Program
Contract (2000-0771) between MDOT and the Houghton County Board of Commissioners, Houghton County Airport, providing for a grant to purchase two 2-way radios, terminal seating and furniture; to purchase and install two driver enhanced vision system for crash vehicles; and to construct masonry wall and shrubbery to conceal electrical transformers. The cost of the project is estimated at \$80,000.00; \$72,000 from the State Aeronautics funds and \$8,000.00 from Houghton County. The term of this contract is 36 months from award.
36. AERONAUTICS - Capital Improvement & Equipment Project / Air Service Program
Contract (2000-0772) between MDOT, Delta County Board of Commissioners, and Delta County Airport providing for a grant to purchase and install air conditioning for airport terminal, to replace curbing in front of terminal, to purchase six 2-way aeronautical radios for maintenance vehicles used on airport, to rehabilitate terminal restrooms, to paint terminal interior, and to expand terminal parking lot. The cost of the project is estimated at \$83,182.00: \$75,620.00 from State Aeronautics funds, and \$7,562.00 from the County of Delta. The term of this contract is 36 months from award.
37. AERONAUTICS - Capital Improvement & Equipment Project / Air Service Program
Contract (20 00-0773) between MDOT, the Alpena County Board of Commissioners, and

Alpena County Airport providing for a grant to purchase four 2-way radios for use in airport maintenance vehicles, to purchase and install emergency generator system, and to purchase and install security cameras. The cost of the project is estimated at \$80,000: \$72,000 from the State Aeronautics funds, and \$8,000 from the County of Alpena. The term of this contract is 36 months from award.

38. AERONAUTICS - Capital Improvement & Equipment Project / Air Service Program
Contract (2000-0774) between MDOT, the Marquette County Board of Commissioners, and Sawyer Airport, providing for a grant to purchase four 2-way aeronautical radios, weather equipment for manual observations, and a new snow plow blade. The cost of the project is estimated at \$40,207: \$36,186 from State Aeronautics funds, and \$4,021 from the County of Marquette. The term of this contract is 36 months from award.
39. AERONAUTICS - Rehabilitate Taxistreets and other Improvements
Contract (2000-0791) between MDOT and the Oakland County Board of Commissioners will provide State grant funds for the rehabilitation of taxistreets, the construction of east hold apron, storm drainage improvements, site preparation for T-hangars, installation of a standby generator, replacement of transformers, the relocation of east supplemental windcone, and additional costs for an Airport Layout Plan, including consultant design and construction supervision, at Oakland/Troy Airport in Troy, Michigan. The contract will be in effect for a period of 36 months from the date of award. Source of Funds: State Aeronautics Funds- \$310,500; Oakland County Funds - \$34,500; Contract total - \$345,000.

40. AERONAUTICS - Extend Taxiway, Expand Apron, Rehabilitate Taxiway
Contract (2000-0795) between MDOT and the Jackson County Board of Commissioners to provide Federal and State Grant funds for extension of Taxiway D, expansion of terminal apron, rehabilitation of Taxiway C, and site preparation for hangar area, including consultant design and construction supervision, at the Jackson County - Reynolds Field Airport in Jackson, Michigan. This is a sub-grant issued pursuant to the condition of the Block Grant given to MDOT by the Federal Aviation Administration (FAA). The contract will be in effect for a period of 36 months from the date of award. Source of Funds: Federal Funds (via Block Grant): \$660,600; State Aeronautics Funds: \$36,700; Jackson County Funds: \$126,800; Total Contract: \$824,100.
41. AERONAUTICS - Expand Building, Passenger Loading Bridge, and Land Acquisition
Contract (2000-0796) between MDOT and the Muskegon County Board of Commissioners to provide Federal and State grant funds for the construction/expansion of a Snow Removal Equipment (SRE) building, construction of a passenger loading bridge, and land acquisition for approaches at Muskegon County Airport in Muskegon, Michigan. Federal funds will be made available through a grant from the FAA. The contract will be in effect for a period of 36 months from the date of award. Source of Funds: Federal Funds - \$1,019,700; State Aeronautics Funds - \$0; Muskegon County Funds - \$113,300; Contract total - \$1,133,000.
42. *CONSTRUCTION & TECHNOLOGY - IDS Construction Engineering
Amendatory contract (99-0199/A1) between MDOT and URS Corporation Great Lakes will increase the maximum authorization amount for authorization (Z7) only by \$346,330.48, for an authorization total of \$1,346,330.48. The contract amount remains unchanged at \$4,000,000, with an authorization maximum of \$1,000,000. The contract provides for construction engineering services on the US 131 S-Curve (South), CS 41131, JN 47169A, Kent County. Authorizations over \$100,000 must have State Administrative Board approval prior to award. Source of funds is 80% federal and 20% state.
43. CONSTRUCTION & TECHNOLOGY - IDS Construction Engineering
Contract (99-0199) between MDOT and URS Greiner Woodward Clyde, Inc., which provided construction engineering services on the US 131 S-Curve (South), CS 41131, JN 47169A, Kent County. The total contract amount is \$4,000,000 and the maximum amount of each authorization is \$1,000,000. Authorizations over \$100,000 have had State Ad Board approval prior to award. This authorization (Z7, R1) will begin on the date of award and expire on December 31, 2001. The revision will increase the authorization from the original \$899,032.80 by \$447,297.68, for a new authorization maximum amount of \$1,346,330.48. Because this increase is above the original maximum allowable authorization amount from the original IDS contract, the IDS contract is being amended. That amendment is listed as Item # 42 of this agenda. This increase is due to the unpredictability of the accelerated pace of the contractor's work, affecting the time constraints to perform pile driving operations and steel inspection. Source of funds is 80% federal and 20% state.
44. *CONSTRUCTION & TECHNOLOGY - Bridge Analysis Guide
Contract (2000-0803) between MDOT and URS Corporation Great Lakes will provide technical services in revising the Michigan Bridge Analysis Guide for reissue in Summer 2001. This guide is used by MDOT, local agencies, and consultants performing load

capacity analysis of highway bridges. This contract will begin on the date of award and expire on June 30, 2001. The total contract amount is \$143,111.00. Source of funds for this contract is 80% federal and 20% state.

45. DESIGN - IDS Design Consultant Services

Contract (2000-0160) between MDOT and Fishbeck, Thompson, Carr & Huber, Inc., provides for design consultant services on an as needed/when needed basis. This contract, which was awarded on March 9, 2000, enables MDOT to initiate design activities with authorizations. The limit on these authorizations is \$1,000,000. Authorizations in excess of \$100,000 require the approval of the State Administrative Board. The term of this contract is from March 9, 2000, to March 9, 2003.

This authorization (Z1) is for \$338,073.41, which provides for all work related to designing this preserve project at M-96, Michigan Avenue to 35th Street/CS 39042 - JN 48550C in the county of Kalamazoo. This work will include, but not be limited to, widening, curb and gutter work, cold milling and bituminous resurfacing, grade raising, performing estimate of construction and ROW costs, performing storm sewer design calculations, mapping, and maintaining traffic. The project length is 6.24 kilometers (3.88 miles). The source of these funds is 100% State Trunkline funds.

46. DESIGN - IDS Design Consultant Services

Contract (2000-0001) between MDOT and Hardesty & Hanover, LLP, provides for design consultant services on an as needed/when needed basis. This contract, which was awarded on November 18, 1999, enables MDOT to initiate design activities with authorizations. The limit on these authorizations is \$1,000,000. Authorizations in excess of \$100,000 require the approval of the State Administrative Board. The term of this contract is from November 18, 1999, through November 18, 2002.

This authorization (Z3) is for \$239,334.71, which provides for the structural rehabilitation design of the Bicentennial Bascule Bridge carrying the I-94 BL over the St. Joseph River/(B05) of CS 11013 - JN 51197D in the county of Berrien. Work items include deck overlay, replacing the steel grating, structural steel repair of the movable span, repair of the counterweight, and repair of the operator's house. The source of these funds is 100% State Trunkline funds.

47. DESIGN - Design Consultant Services

Contract (2000-0002) between MDOT and HNTB Michigan, Inc., provides for design consultant services on an as needed/when needed basis. This contract, which was awarded on November 8, 1999, enables MDOT to initiate design activities with authorizations. The limit on these authorizations is \$1,000,000. Authorizations in excess of \$100,000 require the approval of the State Administrative Board. The term of this contract is from November 8, 1999, through November 8, 2002

This authorization (Z10) is for \$250,000.00, which provides for all work related to designing extension of the existing Grand Rapids ITS system which shall include but not be limited to installation of Changeable Message Signs "CMS" signs, Closed Circuit Television "CCTV" Cameras and encased fiberoptic cable of which shall interface with all the existing ITS monitoring software and equipment on US-131 ITS Project/CS 41131, 41132 - JN 52378C in the County of Kent. The project length is 5.594 kilometers (3.411 miles) The source of these funds is 100% FHWA funds.

48. DESIGN - IDS Design Consultant Services

Contract (2000-0147) between MDOT and Sundberg, Carlson & Associates, Inc., provides for design consultant services on an as needed/when needed basis. This contract, which was awarded on March 21, 2000, enables MDOT to initiate design activities with authorizations. The limit on these authorizations is \$400,000. Authorizations in excess of \$100,000 require the approval of the State Administrative Board. The term of this contract is from March 21, 2000, through March 21, 2003.

This authorization (Z2) is for \$264,350.63, which provides for the I-75, S of Saginaw County line to N end of I-675 in the County of Saginaw (CS 73171 - JN 524210). The work items include road design surveys. The source of these funds is 100% State Trunkline funds.

49-202. MAINTENANCE - State Trunkline Maintenance

Contracts between MDOT and the following 155 Municipalities providing for a maintenance contracts. The terms of the contracts will be from October 1, 2000, through September 30, 2004.

P.A. 17 of 1925 authorizes the Department to contract with cities, villages, and boards of county road commissions for the construction, improvement, or maintenance of state trunkline highways. Under the terms of the standard maintenance contracts, the cities, villages, and boards are reimbursed for audited labor, equipment rental, and material charges in accordance with the provisions of the contracts. The following maintenance contracts were not competitively bid but were negotiated with the local units of government. The department has made findings that such negotiated contracts are in the public interest and has transmitted those findings in accordance with Section 11c of 1951 PA51, MCL 247.66a(c); MSA 9.1097(11c).

These contracts are on a cost reimbursement basis, subject to final audits to actual costs. Billings are submitted by the Municipalities on a quarterly basis to be approved by the

Regions. Actual work is planned by the Regions in cooperation with the Municipalities. In general, the "totals" for the Maintenance budgets are based on legislative appropriations; the Regions establish and administer the individual Municipality budgets.

	<u>Contract #</u>	<u>Municipal</u>
49.	2000-0569	Adrian - city
50.	2000-0570	Albion - city
51.	2000-0571	Allegan - city
52.	2000-0572	Alma - city
53.	2000-0573	Almont - village
54.	2000-0574	Alpena - city
55.	2000-0575	Ann Arbor - city
56.	2000-0576	Athens - village
57.	2000-0577	Au Gres - city
58.	2000-0578	Bad Axe - city
59.	2000-0579	Bangor - city
60.	2000-0580	Battle Creek - city
61.	2000-0581	Bay City - city
62.	2000-0582	Benton Harbor - city
63.	2000-0583	Berrien Springs - village
64.	2000-0584	Bessemer - city
65.	2000-0585	Big Rapids - city
66.	2000-0586	Blissfield - village
67.	2000-0587	Breckenridge - village
68.	2000-0588	Brown City - city
69.	2000-0589	Cadillac - city
70.	2000-0590	Calumet - village
71.	2000-0591	Caro - village
72.	2000-0592	Carson City - city
73.	2000-0593	Carsonville - village
74.	2000-0594	Caseville - village
75.	2000-0595	Cass City - village
76.	2000-0596	Charlevoix - city
77.	2000-0597	Charlotte - city
78.	2000-0598	Cheboygan - city
79.	2000-0599	Chelsea - village
80.	2000-0600	Chesaning - village
81.	2000-0601	Clare - city
82.	2000-0602	Clio - city
83.	2000-0603	Coldwater - city
84.	2000-0604	Crystal Falls - city
85.	2000-0605	Davison - city
86.	2000-0606	Dearborn - city
87.	2000-0607	Dowagiac - city
88.	2000-0608	East Lansing - city
89.	2000-0609	East Tawas - city
90.	2000-0610	Eastpointe - city

91.	2000-0611	Eaton Rapids - city
92.	2000-0612	Evart - city
93.	2000-0613	Farmington - city
94.	2000-0614	Farwell - village
95.	2000-0615	Fennville - city
96.	2000-0616	Fenton - city
97.	2000-0617	Ferndale - city
98.	2000-0618	Flint - city
99.	2000-0619	Frankenmuth - city
100.	2000-0620	Fremont - city
101.	2000-0621	Gaylord - city
102.	2000-0622	Gladstone - city
103.	2000-0623	Grand Haven - city
104.	2000-0624	Grand Ledge - city
105.	2000-0625	Grand Rapids - city
106.	2000-0626	Greenville - city
107.	2000-0627	Hancock - city
108.	2000-0628	Harbor Beach - city
109.	2000-0629	Harbor Springs - city
110.	2000-0632	Hillsdale - city
111.	2000-0633	Holland - city
112.	2000-0634	Houghton - city
113.	2000-0635	Howell - city
114.	2000-0636	Hudson - city
115.	2000-0637	Iron Mountain - city
116.	2000-0724	Iron River - city
117.	2000-0638	Ironwood - city
118.	2000-0639	Ishpeming - city
119.	2000-0640	Ithaca - city
120.	2000-0641	Jackson - city
121.	2000-0642	Jonesville - village
122.	2000-0643	Kalamazoo - city
123.	2000-0644	Kingsford - city
124.	2000-0645	Lake City - city
125.	2000-0646	Lake Linden - village
126.	2000-0647	Lake Odessa - village
127.	2000-0648	Lansing - city
128.	2000-0649	Lapeer - city
129.	2000-0650	Laurium - village
130.	2000-0651	Litchfield - city
131.	2000-0652	Lowell - city
132.	2000-0653	Ludington - city
133.	2000-0654	City of Mackinac Island - city
134.	2000-0655	Mackinac Island State Park Comm.
135.	2000-0656	Mancelona - village
136.	2000-0657	Manistee - city
137.	2000-0658	Manistique - city
138.	2000-0659	Marine City - city
139.	2000-0660	Marlette - city

140.	2000-0661	Marquette - city
141.	2000-0662	Marshall - city
142.	2000-0663	Menominee - city
143.	2000-0664	Merrill - village
144.	2000-0665	Midland - city
145.	2000-0666	Millington - village
146.	2000-0667	Monroe - city
147.	2000-0668	Montrose - city
148.	2000-0669	Mount Clemens - city
149.	2000-0670	Mount Pleasant - city
150.	2000-0671	Munising - city
151.	2000-0672	Muskegon - city
152.	2000-0673	Nashville - village
153.	2000-0674	Negaunee - city
154.	2000-0675	Newberry - village
155.	2000-0676	Niles - city
156.	2000-0677	North Branch - village
157.	2000-0678	Norway - city
158.	2000-0679	Otsego - city
159.	2000-0680	Owosso - city
160.	2000-0681	Paw Paw - village
161.	2000-0682	Peck - village
162.	2000-0683	Petoskey - city
163.	2000-0684	Pigeon - village
164.	2000-0685	Pontiac - city
165.	2000-0686	Port Huron - city
166.	2000-0687	Portland - city
167.	2000-0688	Quincy - village
168.	2000-0689	Reed City - city
169.	2000-0690	Reese - village
170.	2000-0691	Richmond - city
171.	2000-0692	Riverview - city
172.	2000-0693	Rochester - city
173.	2000-0694	Rogers City - city
174.	2000-0695	Rose City - city
175.	2000-0696	Roseville - city
176.	2000-0697	Saginaw - city
177.	2000-0698	Saline - city
178.	2000-0699	Sandusky - city
179.	2000-0700	Sault Ste. Marie - city
180.	2000-0701	Scottville - city
181.	2000-0702	South Range - village
182.	2000-0703	South Haven - city
183.	2000-0704	Springfield - city
184.	2000-0705	Spring Lake - village
185.	2000-0706	St. Clair - city
186.	2000-0707	St. Ignace - city
187.	2000-0708	St. Joseph - city
188.	2000-0709	St. Louis - city

189.	2000-0710	Sterling Heights - city
190.	2000-0711	Sturgis - city
191.	2000-0712	Tawas City - city
192.	2000-0713	Tecumseh - city
193.	2000-0714	Three Rivers - city
194.	2000-0715	Traverse City - city
195.	2000-0716	Unionville - village
196.	2000-0717	Vassar - city
197.	2000-0718	Wakefield - city
198.	2000-0719	Watervliet - city
199.	2000-0720	Wayne - city
200.	2000-0721	West Branch - city
201.	2000-0722	Whitehall - city
202.	2000-0723	Ypsilanti - city

203. MAINTENANCE - Chemical Storage Facility

Contract (2000-0804) between MDOT and the City of East Tawas to construct a chemical storage facility. The term of the contract will be two (2) years from the date of award. The amount of the contract is \$97,000 for the construction of the facility and was competitively bid by the County. MDOT's estimated cost share is 41%, and the County's estimated cost share is 59%.

The contract between MDOT and the City of East Tawas was not competitively bid, but was negotiated with the local unit of government. P.A. 17 of 1925 authorizes the Department to contract with Cities, Villages, and Boards of County Road Commissioners for the construction, improvement, or maintenance of state trunkline highways. Under the terms of the standard maintenance contracts, the Cities, Villages, and Boards are reimbursed for audited labor, equipment rental, and material charges in accordance with the provisions of the contract.

204. *TRAFFIC & SAFETY - Consultant Services

Amendatory contract (98-0028/A3) between MDOT and DLZ Michigan, Inc., provides for the addition of a classification, "Design and layout of traffic signal systems," so authorizations may be issued on an as needed/when needed basis. Amount and term remain unchanged.

205. TRAFFIC & SAFETY - Consultant Services

Contract (98-0021) between MDOT and Finkbeiner, Pettis and Strout, Inc., provides for professional services on an as needed/when needed basis. This contract, which was awarded February 20, 1998, enables MDOT to initiate design and other related work necessary on Traffic & Safety projects with authorizations.

An authorization (Z1) for \$144,318.65 provides for traffic signal design plans at 10 locations on BL-94, US-23BR (Washtenaw) from S. University to US-23 in Washtenaw County and was approved by the State Administrative Board on January 8, 1998. The authorization was issued on June 20, 2000, with an expiration date of September 1, 2000. An authorization (Z1, Revision 1) was subsequently issued to change the makeup of the line-items of the authorization without changing the total authorized. This authorization (Z1, Revision 2) is for an extension of time only and would begin September 2, 2000, and expire on October 31, 2000. 100% Federally funded.

206. *TRANSPORTATION PLANNING - Novation

Amendatory contract (2000-0038/A1) between MDOT, Midwest Environmental Consultants, Inc., and Mannik & Smith Group, Inc., transfers contract responsibility from Midwest Environmental Consultants, Inc., to Mannik & Smith Group, Inc. The contract provides for indefinite delivery of services for cultural resource studies. Amount and term remain unchanged.

TRAFFIC SIGNAL COST PARTICIPATION AGREEMENTS

207. M-46 (Monroe) at Begole Road, Pine River Township, Gratiot County
29012-01-002

	<u>Estimated Installation Cost</u>
LOCAL	\$ 2,182
STATE	\$ 2,182
FHWA	\$ 43,635
TOTAL	\$ 47,999

208. US-27BR (Wright) at Warrick Street, Alma, Gratiot County
29031-01-011

	<u>Estimated Installation Cost</u>
LOCAL	\$ 1,735
STATE	\$ 1,736
FHWA	\$ 34,713
TOTAL	\$ 38,184

209. M-59 (Hall) Westbound at Custer Road and Crossover, Utica, Macomb County
50022-01-033

	<u>Estimated Installation Cost</u>
LOCAL	\$ 995
STATE	\$ 2,985
FHWA	\$ 33,166
TOTAL	\$ 37,146

210. M-125 (Monroe) at Nadeau Road, Frenchtown Township, Monroe County
58071-01-026

	<u>Estimated Installation Cost</u>
LOCAL	\$ 793
STATE	\$ 1,611
FHWA	\$ 24,039
TOTAL	\$ 26,443

211. M-45 (Lake Michigan Drive) at 8th Avenue, Tallmadge Township, Ottawa County
70041-01-001

	<u>Estimated Installation Cost</u>
LOCAL	\$ 2,050
STATE	\$ 2,050
FHWA	\$ 40,997
TOTAL	\$ 45,097

212. M-25 (24th Avenue) at Keewahdin Avenue, Fort Gratiot Township, St. Clair County
77132-01-003

	<u>Estimated Installation Cost</u>
LOCAL	\$ 1,531
STATE	\$ 1,531
FHWA	\$ 30,621

TOTAL

\$ 33,683

BID LETTING

213. LETTING OF JUNE 9, 2000 ENG. EST. LOW BID
PROPOSAL 0006030 \$2,037,598.50 \$1,949,217.95
PROJECT STUL 73404-50186 A
LOCAL AGRMT. % OVER/UNDER EST.
START DATE - 10 days after award
COMPLETION DATE - JULY 27, 2001 -4.34%

2.05 km of road reconstruction, watermain and sidewalk
replacement on Mason Street from Broadway Street to
Remington Street in the city of Saginaw, Saginaw County.

10% DBE Participation Required

Bidder	AS-READ	AS-CHECKED
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Saginaw Asphalt Paving - Carrollton, MI			
Valley Asphalt Company - Saginaw, M*	\$1,949,217.95	same	1
Eastlund Concrete Construction -Holt, MI			
A.J. Rehmus & Son, Inc. - Bay City, MI			
Lee Wood Contracting - Essexville, MI			
Lanzo Construction Company- Rosevill	\$2,182,746.50	same	7
Fisher Contracting Company - Midland, MI			
Dan's Excavating Inc. - Shelby Twp.,	\$537,967.88	cannot total	rej
Bourdow Trucking Company - Saginaw,	\$2,096,757.09	same	5
Champagne and Marx - Saginaw, MI	\$2,107,841.10	same	6
Rohde Brothers Excavating - Saginaw,	\$2,043,030.95	same	3
Wooten Contracting - Hemlock, MI			
Manigg Enterprises, Inc. - Alpena, M	\$2,075,000.00	\$2,074,999.70	4
Zito Construction - Grand Blanc, MI			
Ron Bretz Excavating, Inc.- Lapeer,	\$2,035,973.69	same	2
3-S Construction, Inc. - Midland, MI	\$2,310,268.75	same	8

9 Bidders

Source of Funds: 53.47% Federal, 46.53% State

214. LETTING OF JUNE 9, 2000 ENG. EST. LOW BID
 PROPOSAL 0006045 \$68,659.39 \$77,540.99
 PROJECT STH 82609-48039 A
 LOCAL AGRMT. % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - NOVEMBER 11, 2000 12.94%

Guardrail removal and replacement along northbound and southbound Harper Avenue (I-94 Service Drives) from Kingsville Avenue to Eight Mile Road (approximately 40 separate intersection sites), in the city of Harper Woods, Wayne County.

Bidder	AS-READ	AS-CHECKED	
J. Slagter & Son -Wayland, MI	\$87,287.80	same	2
Nationwide Fence - Chesterfield, MI*	\$77,540.99	same	1
Future Fence Company- Warren, MI	\$138,834.31	same	3
J & J Contracting, Inc. - Ithaca, MI			
Rite Way Fence Inc. - Rochester Hill, MI			

3 Bidders

Source of Funds: 80% Federal, 20% Harper Woods

215. LETTING OF JUNE 9, 2000 ENG. EST. LOW BID
 PROPOSAL 0006076 \$526,992.20 \$535,668.45
 PROJECT STL 65076-52608 A
 LOCAL AGRMT. % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - NOVEMBER 14, 2000 1.65%

2.72 km of grading, culvert replacements, bituminous base crushing and shaping, aggregate base, bituminous paving, guardrail improvements, slope restoration, and pavement markings, on Rose City Road (CR 22) 2.4 km west of Lupton Road, east to Rifle River State Park entrance in Ogemaw County.

Bidder	AS-READ	AS-CHECKED	
Bolen Asphalt Paving - East Tawas, MI	\$606,549.15	\$585,891.15	3
Rieth-Riley Construction - Goshen, I	\$627,670.41	Same	4
Katterman Trucking Inc. - Hale, MI	\$519,926.01	Same	rej
D.J. McQuestion & Sons - Leroy, MI			
Payne & Dolan, Inc. - Gladstone, MI	\$558,187.20	Same	2
M & M Excavating Company - Gaylord, MI			
Wadel Stabilization, Inc. - Hart, MI			
Rohde Brothers Excavating - Saginaw, MI			

Cordes Excavating, Inc. - Hillman,M* \$535,668.45 Same 1
 Pyramid Paving - Essexville, MI
 Chippewa Contracting - Saginaw, MI
 Bernie Johnson Trucking- Leroy, MI \$584,997.73 cannot total n/c
 L.J. Construction - Clifford, MI

6 Bidders

216. Source of Funds: 20% Ogemaw, 80% Federal
 LETTING OF JULY 12, 2000 ENG. EST. LOW BID
 PROPOSAL 0007001 \$521,276.00 \$414,935.15
 PROJECT MS 23111-53829 A
 LOCAL AGRMT. % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - SEPTEMBER 15, 2000 -20.40%

6.33 km (3.96 miles) bituminous resurfacing, shoulder construction, and guardrail upgrade on M-188 from Haven Street to the Southern Drive of VFW National Home in Hamlin Township, Eaton County.

Bidder AS-READ AS-CHECKED

Klett Construction Company- Hartford
 Capitol Excavating and Paving - Maso \$455,293.00 Same 2
Thompson-McCully Company -Bellevil* **\$392,935.15** **\$414,935.15** 1
 C & D Hughes, Inc. - Charlotte, MI

2 Bidders

Source of Funds: 100% State

217. LETTING OF JULY 12, 2000 ENG. EST. LOW BID
 PROPOSAL 0007002 \$80,000.00 \$72,135.00
 PROJECT M 30071-M00829 A
 LOCAL AGRMT. % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - SEPTEMBER 30, 2000 -9.83%

50mm coldmilling and resurfacing at the intersection of US-127 and M-34, Hillsdale and Lenawee Counties.

Bidder AS-READ AS-CHECKED

Miller Bros., Const.-Archbold, OH
Thompson- McCully Company- Bellevil* **\$72,135.00** **Same** 1
 Advanced Paving Company- Lansing, MI \$103,595.00 Same 3

Gerken Paving, Inc. -Napoleon, OH	\$90,365.00	Same	2
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3 Bidders

Source of Funds: 100% State

218. LETTING OF JULY 12, 2000 ENG. EST. LOW BID
 PROPOSAL 0007003 \$249,637.50 \$263,020.70
 PROJECT M 30033-M00830
 LOCAL AGRMT. % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - SEPTEMBER 30, 2000 5.36%

40 mm coldmilling and resurfacing on M-99 from the southern
 Litchfield city limit to the northern Litchfield city
 limit, Hillsdale County.

Bidder AS-READ AS-CHECKED

Miller Bros. Const. - Arbold, OH
Thompson-McCully Company -Bellevill* \$263,020.70 Same 1

1 Bidder

Source of Funds: 100% State

219. LETTING OF JULY 12, 2000 ENG. EST. LOW BID
 PROPOSAL 0007059 \$321,079.50 \$488,415.07
 PROJECT M 86000-M00190
 LOCAL AGRMT. % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - NOVEMBER 30, 2000 52.12%

Construction of a new cold storage facility and related
 site work at the Mackinac Bridge Authority site, in the
 city of St. Ignace, Mackinac County.

Bidder AS-READ AS-CHECKED

Bacco Construction - Iron Mountain, MI
 Snowden, Inc. - Escanaba, MI \$515,642.00 Same 4
 Gerace Construction - Midland, MI \$522,223.03 \$522,244.80 6
 H & D, Inc. - Bay Shore, MI \$500,995.60 Same 3
 Whiskey River, Inc. - Rudyard, MI \$520,199.93 Same 5
 Henry J Ware - Sault Ste. Marie, MI
 3-S Construction, Inc. - Midland, MI \$492,429.35 Same 2
Markstrom Constr -Sault Ste. Marie, MI*\$488,415.07 Same 1

6 Bidders

Source of Funds: 100% State

220. LETTING OF JULY 12, 2000 ENG. EST. LOW BID
 PROPOSAL 0007076 \$1,387,772.06 \$1,485,252.45
 PROJECT MG 55031-51434 A
 LOCAL AGRMT. % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - NOVEMBER 4, 2000 7.02%

3.541 km of bituminous widening for passing relief lanes on
 M-35, from north of County Road 28 northerly to north of
 Delta south county line, in Cedarville and Ford River
 Townships, Menominee and Delta Counties.

10% DBE Participation Required

Bidder	AS-READ	AS-CHECKED
Bacco Construction - Iron Mountain, MI	\$1,516,600.68	Same 2
A. Lindberg & Sons - Ishpeming, MI		
James Peterson Sons - Medford, MI		
Payne & Dolan, Inc. - Gladstone, MI*	\$1,485,369.44	\$1,485,252.45 1
Manigg Enterprises, Inc. - Alpena, MI		
C. Oberstar Excavating - Marquette, MI	\$1,388,627.85	Same rej

3 Bidders

Source of Funds: 81.85% Federal, 18.15% State

221. LETTING OF JULY 12, 2000 ENG. EST. LOW BID
 PROPOSAL 0007085 \$290,742.00 \$340,524.03
 PROJECT BRO 27003-49662 A
 LOCAL AGRMT. 00-5312 % OVER/UNDER EST.
 START DATE - 10 days after award
 COMPLETION DATE - SEPTEMBER 30, 2000 17.12%

Removal of a single-span, steel pony truss bridge,
 construction of a prestressed, post-tensioned concrete
 box beam bridge, and related approach work on Johnson
 Road over the Black River in Erwin Township, Gogebic
 County.

Bidder	AS-READ	AS-CHECKED
Bacco Construction - Iron Mountain, MI		
C.A. Hull Co., Inc. - Walled Lake, MI		
A. Lindberg & Sons - Ishpeming, MI		
J. Slagter & Son - Wayland, MI		
Yalmer Mattila Contracting - Houghton, MI		
Snowden, Inc. - Escanaba, MI		
Hebert Construction - Iron River, MI*	\$340,524.03	Same 1
Zenith Tech, Inc. - Waukesha, WI	\$340,556.00	Same 2

2 Bidders

Source of Funds: 5.12% Gogebic County, 79.90% Federal, 14.98% State

EXTRA

222. Item Number 2000 - 29

77111 - 48405A - (Department Project)

Contractor Midwest Bridge Company
3424 Corwin Road
P. O. Box 40
Williamston, Michigan 48895

Designed by: Consultant
Engineer's Estimate: \$2,906,969.86

Description of Project:

Deck replacement and widening, pin and hanger replacement, substructure repair and cleaning and coating existing structural steel, on I-94 under Fred Moore Highway, in Columbus and Casco Townships, St. Clair County.

Administrative Board Approval Date	December 7, 1999	
Contract Date	January 7, 2000	
Original Contract Amount	\$2,335,219.90	
Total of Overruns/Changes (Approved to Date)	22,071.00	+0.95%
Total of Extras and		
Adjustments (Approved to Date)	4,450.80	+0.19%
THIS REQUEST	316,200.00	+13.54%
Revised Total	\$2,677,941.70	+14.68%

SUMMARY:

The total of all Extras and Overruns approved to date, **before this request**, places this contract 1.14% over the original budget for an **Authorized to Date Amount** of \$2,361,741.70.

Approval of this extra will place the authorized status of the contract 14.68% over (+\$342,721.80) the **Original Budget**.

Extras Previously Approved by Administrative Board: (None)

Contract Modification Number(s): 4

This authorization requests payment for the following Extra(s)/Adjustment(s) to the contract:

Structural Steel, Retrofit,	4,800.00 kg @ \$64.00/kg	\$307,200.00
Furnished, Fabricated & Erect Heat Straightening	9,000.00dlr @ \$1.00/dlr	9,000.00
Total		<u>\$316,200.00</u>

Reasons For Extras/Adjustments:

These repairs are required due to section loss in the web, top and bottom flanges of the steel beams. 1509 kg of Structural Steel is needed in Stage I. The need to perform these repairs was discovered after removal of the deck. The section loss was so extensive that the Pin & Hanger work on the structure could not begin until these repairs were completed.

Stage I was comprised of two existing beam lines and the addition of one new beam line for a five span bridge. Stage II will be comprised of four existing beam lines and the addition of one new beam line. An estimated additional quantity of Structural Steel repairs is included as it is assumed that the beams in stage II will also need repair.

Some of the quantity above was required by the addition of the new beam line. Some field fitting was required due to consultant design and shop drawing approval errors. This quantity for this field fitting is 839 kg and is included in the quantity above. The consultant has been notified in writing that they may be required to reimburse the Department due to these design errors. The MDOT Project Manager will follow up with the consultant to pursue reimbursement.

This price was negotiated and is reasonable for the work required. This work was discussed with Michel Tarazi , Bridge Design and Larry Washburn, Metro Region Construction Engineer.

100 % State **Funding Percentages For This Job**

Section 1.03.04 - **EXTRA WORK** - of the 1996 Standard Specifications for Highway Construction was interpreted to authorize payment for this extra work.

This Extra is recommended for approval by the State Administrative Board.

EXCESS PROPERTY

223. **RESOLUTION "A" - Railroad Easement** 8-973-RRE
CS4711G9, Parcel 364A
Vector Pipeline L.P. requested a pipeline easement to provide natural gas to its customers across department owned railroad right of way in Howell Township, Livingston County, Michigan. The easement is 30 feet in width and contains 3,460 square feet, more or less. The consideration for the easement has been established in accordance with Departmental procedures at \$500. A check in that amount has been deposited with the Financial Operations Division.
\$500
224. **RESOLUTION "B" - Exchange** 5-788-X
CS41031, Parcels 210, 212, 214, 215, 216, 217 TX, 206
This is an exchange of property between the Michigan Department of Transportation and James and Angela Steketee. MDOT will convey approximately 4.17 acres, more or less, of excess property located in Caledonia Township, Kent County, Michigan, to the Steketees and in return the Steketees will convey approximately 8.1 acres of which 4.10 acres is existing easement of property to MDOT required for ROW for construction of M-6 . By exchanging similar adjoining property that has been declared excess to the Steketees=, MDOT will mitigate damages and save possible future condemnation cost. This is a mutual exchange of properties and is considered to be in the best interest of the Department.
Mutual Benefits

In accordance with MDOT's policies and procedures and subject to concurrence by the Federal Highway Administration, the preparation and execution of the appropriate documents approved by the Attorney General, and compliance with all legal and fiscal requirements, the Director recommends for approval by the State Administrative Board the items on this agenda.

The approval by the State Administrative Board of these contracts does not constitute the award of same. The award of contracts shall be made at the discretion of the Director-Department of Transportation when the aforementioned requirements have been met. Subject to exercise of that discretion, I approve the contracts described in this agenda and authorize their award by the responsible management staff of MDOT to the extent authorized by, and in accordance with, the December 14, 1983 resolution of the State Transportation Commission and the Director's delegation memorandum of July 29, 1999.

Respectfully submitted,

James R. DeSana,
Director